

- 1       1. A radar reflective device comprising:
- 2           a radar permeable inflatable shell;
- 3           a plurality of flexible radar reflective panels disposed within said shell so as to form
- 4           a plurality of reflective cavities upon inflation; and
- 5           means for attaching said flexible radar reflective panels to said shell so as to
- 6           arrange said flexible radar reflective panels into a plurality of reflective cavities
- 7           upon inflation of said shell.
- 1       2. A radar reflective device as in claim 1 wherein said shell is cylindrical.
- 1       3. A radar reflective device as in claim 1 wherein said device is a personal flotation
- 2           device.
- 1       4. A radar reflective device as in claim 3 wherein said personal flotation device is a life
- vest.
- 1       5. A radar reflective device as in claim 1 wherein said device is a life raft.
- 1       6. A radar reflective device comprising:
- 2           a radar permeable shell;
- 3           a plurality of flexible radar reflective panels disposed within said shell so as to form
- 4           reflective cavities;
- 5           means for attaching said flexible reflectors to inside of said shell; and
- 6           radar permeable foam disposed in each of said reflective cavities whereby said
- 7           reflective cavities are given form and support from said foam.
- 1       7. A radar reflective device as in claim 6 wherein said device is a personal flotation
- 2           device.
- 1       8. A radar reflective device as in claim 7 wherein said personal flotation device is a life
- 2           vest.
- 1       9. A radar reflective device as in claim 7 wherein said personal flotation device is a seat
- 2           cushion.
- 1       10. A radar reflective personal flotation device comprising:

2           a radar permeable shell;  
3           a planar radar reflective panel dividing the interior of said shell into two sections;  
4           a plurality of radar reflective panels intersecting said planar radar reflective panel  
5           wherein said intersecting panels form a plurality of reflective cavities in each said  
6           section of said shell;  
7           a plurality of radar permeable foam disposed within each said reflective cavity.